

REMARKS

In accordance with the forgoing, claims 1, 4, 15, 22, 23, 39 and 40 have been amended and claims 2, 13, 24, 29, 32 and 37 have been canceled without prejudice or disclaimer of the subject matter contained therein. Claims 1, 3-12, 14-23, 25-28, 30, 31, 33-36, and 38-40 are pending and under consideration.

I. Objections to the Drawings

The drawings stand objected to as being informal. Formal drawings have been included herein. Accordingly, withdrawal of the objection is respectfully requested.

II. Rejections Under 35 USC § 112

Claims 5-7 and 16-18 stand rejected under 35 USC § 112, first paragraph, as failing to comply with the enablement requirement. In particular, the Examiner asserts that the claimed "smoothing element" lacks sufficient explanation in the specification.

The Examiner's attention is directed to FIG. 3B and paragraph 83, for example, which teaches the smoothing element as follows:

A smoothed sinusoidal waveform may be produced by passing the PWM signal output of each pair of switching elements 112 and 114, 116 and 118, and 120 and 122 through a "choke" element 124, 126 and 128, respectively, as shown in the modified output bridge circuit 101 of FIG. 3B. Choke elements 124, 126 and 128 may be embodied as inductive circuit components, as shown in FIG. 3B, and serve to smooth the corners of the individual pulses included in a PWM signal to thereby form a smooth sinusoidal signal. While choke elements 124, 126 and 128 are shown in FIG. 3B to be included in bridge circuit 101, choke elements may alternatively be implemented outside bridge circuit 101, for example, in connector block 12 or in the leads carrying the defibrillation electrodes.

Therefore, it is respectfully asserted that the "smoothing element" is enabled by the specification. Accordingly, withdrawal of the rejection is respectfully requested.

Claims 4 and 15 stand rejected under 35 USC § 112, second paragraph, as being incomplete for emitting essential elements.

Claims 4 and 15 have been amended to more clearly set forth the stimulation field rotates in one of a clockwise rotation followed by a counter-clockwise rotation, alternating between clockwise and counterclockwise rotations, and randomly rotating. Accordingly, withdrawal of the rejection is respectfully requested.

Claims 29 and 37 stand rejected under 35 USC § 112, second paragraph, as being incomplete for emitting essential steps. Claims 29 and 37 have been canceled without prejudice or disclaimer of the subject matter contained therein. Accordingly, withdrawal of the rejection is respectfully requested.

III. Allowable Subject Matter

Claims 2, 3, 13, 14, 22, 24-26, 32-34 and 38 stand objected to as being dependent on a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claims and any intervening claims.

Claim 1 has been amended to include the limitations of claim 2, claim 22 has been amended to include the limitations of base claim 1, claim 23 has been amended to include the limitations of claim 24, and claims 39 and 40 have been amended to include the limitation of "wherein the multi-directional waveform generates a stimulation field that rotates stepwise in one of a clockwise direction and a counter-clockwise direction" to coincide with allowable claim 1. Claims 2, 13, 24 and 32 have been canceled without prejudice or disclaimer of the subject matter contained therein. Accordingly, allowance of the claims is respectfully requested.

IV. Conclusion

There being no further outstanding objections or rejections, it is submitted that the application is in condition for allowance. An early action to that effect is courteously solicited.

Finally, if there are any formal matters remaining after this Amendment, the Examiner is requested to telephone the undersigned attorney to attend to those matters.

Respectfully submitted,

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A handwritten signature in black ink, appearing to read 'Michael C. Soldner', written over a horizontal line.

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Date